

CONFIDENTIAL

PROJECT 2511

*Went in
Semi-annual
report. 1/52-7/52*

4. BACKGROUND AND PRESENT STATUS:

The E/VA-3X was originally packaged using many conventionally sized components. (This unit was shown in the photograph contained in the last semi-annual report). This approach was taken to avoid delay in producing a unit for field evaluation. The amplifier was found to be operationally suitable, however, the program was later redirected to provide amplifiers for Project 2513. All subsequent work such as ^{THE} miniaturization of and increasing the reliability of the amplifiers was done under that project.

5. PLANS FOR THE NEXT PERIOD:

Further development work will be done on a system using an improved version of this amplifier together with a pulse stretcher, audio amplifier, demand circuit and timing circuit. This system will be used to detect radar signals and to actuate a small recorder for a definite time period whenever a signal is detected. The use of the pulse stretcher in the system will enable the radar signals to be recorded on a small wire or tape recorder of limited frequency response. Work on this system will be reported under a different project number.

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